

Community Dectection Assignment

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I decided to use R and Rmarkdown to complete this assignment because I wanted to experiment with systematically changing the resolution parameter (for the Louvain community detection method). By contrast, Gephi makes it difficult to complete the same experiment.

Which resolution to use?

According to the `football.txt` file, college team/node values correspond to team conferences.

0 = Atlantic Coast 1 = Big East 2 = Big Ten 3 = Big Twelve 4 = Conference USA 5 = Independents 6 = Mid-American 7 = Mountain West 8 = Pacific Ten 9 = Southeastern 10 = Sun Belt 11 = Western Athletic